

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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## INTERDEPARTMENT CORRESPONDENCE

FILE MLP-19(39) Bibb County  
P. I. No. 363500

OFFICE Preconstruction

DATE February 20, 1990

FROM *JB*  
J. B. Johnson, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

JBJ/cj

Attachment

## DISTRIBUTION:

Charles Lewis  
Bob Humphrey  
Frank Danchetz  
Gene Skeen  
Dewey Jones (ATTN: Herman Griffin)  
John Lively  
Ron Colvin  
Edwin Thompson

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

FILE MLP-19(39) Bibb County OFFICE Preconstruction  
P.I. No. 363500  
DATE January 29, 1990

FROM *G. C. Lewis*  
G. C. Lewis, Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT WIDENING VINEVILLE AVENUE/US 41/SR 19 IN MACON - PROJECT CONCEPT REPORT

This project is the widening of a two mile section of Vineville Avenue/ SR 19/US 41 in Macon from Pio Nono Avenue (SR 247) northwesterly to Forest Hill Road. Vineville Avenue provides direct access between North Bibb residential area and the employment/retail areas of the City of Macon. The existing typical section has an urban section with three lanes (36'-40' total width) and sidewalks for most of the length. The center lane is reversible allowing two lanes in one direction during peak hours and is not currently acting as a two way left turn lane. The existing right-of-way varies from 40'-60'. The accident rates along the segment of Vineville Avenue are 2-3 times above the statewide average for an urban area. There are no major structures within the project limits. The estimated traffic is 17,700 VPD (1987) and 22,100 VPD (2005).

This project will widen Vineville Avenue basically symmetrical to provide for an urban section with 2-12' lanes in each direction with a 12' flush median for 2 way left turns and will have sidewalks both sides, 10' shoulders on approximately 84' of right-of-way (Total). Where the road is adjacent to the railroad and at Pio Nono Avenue, widening will shift to the north side. Access control will be by permit. An alternate for a one-way pair was considered using Vineville Avenue for southbound traffic and Ridge Avenue for northbound traffic. This alternate was eliminated due to extensive property damage for widening Ridge Avenue and tie-ins on each end to Vineville Avenue. The estimated cost of the project is:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG. DATE</u>
Constr(Infl&E/C)	\$3,146,000	\$3,200,000	FY 91
Right-of-way	\$8,229,000	No Est.	(Preprogram)
Utilities	LGPA	LGPA	

I recommend that we approve this project concept report, that the project be removed from Preprogram Status and added to the Construction Work Program and proceed to a public hearing.

GCL/WLP/se

CONCUR:

*Alva R. Byrom*  
Alva R. Byrom  
State Highway Engineer

APPROVED:

*Hal Rives*  
Hal Rives  
Commissioner

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

**FILE** MLP-19 (39) Bibb County **OFFICE** Atlanta, Georgia  
P.I. No. 363500  
Widening Vineville Ave(US 41/SR 19) in Macon **DATE** August 22, 1988

**FROM** Robert E. Humphrey, P.E., Project Review Engineer

**TO** Alton L. Dowd, Jr., P.E., Director of Preconstruction

**SUBJECT** PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for this Major project.

We have received signed cover sheets from the following offices:

1. Traffic and Safety - with a comment concurring with the Report.
2. District Engineer

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	\$2,600,000
Inflation (5% per year)	260,000
E & C (10%)	286,000
Preliminary Engineering (5%)	130,000
Right of Way	8,229,000
Utilities	LGPA

REW/jmf

Attachments

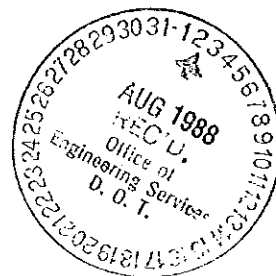
c: Hoyt J. Lively

STATE OF GEORGIA

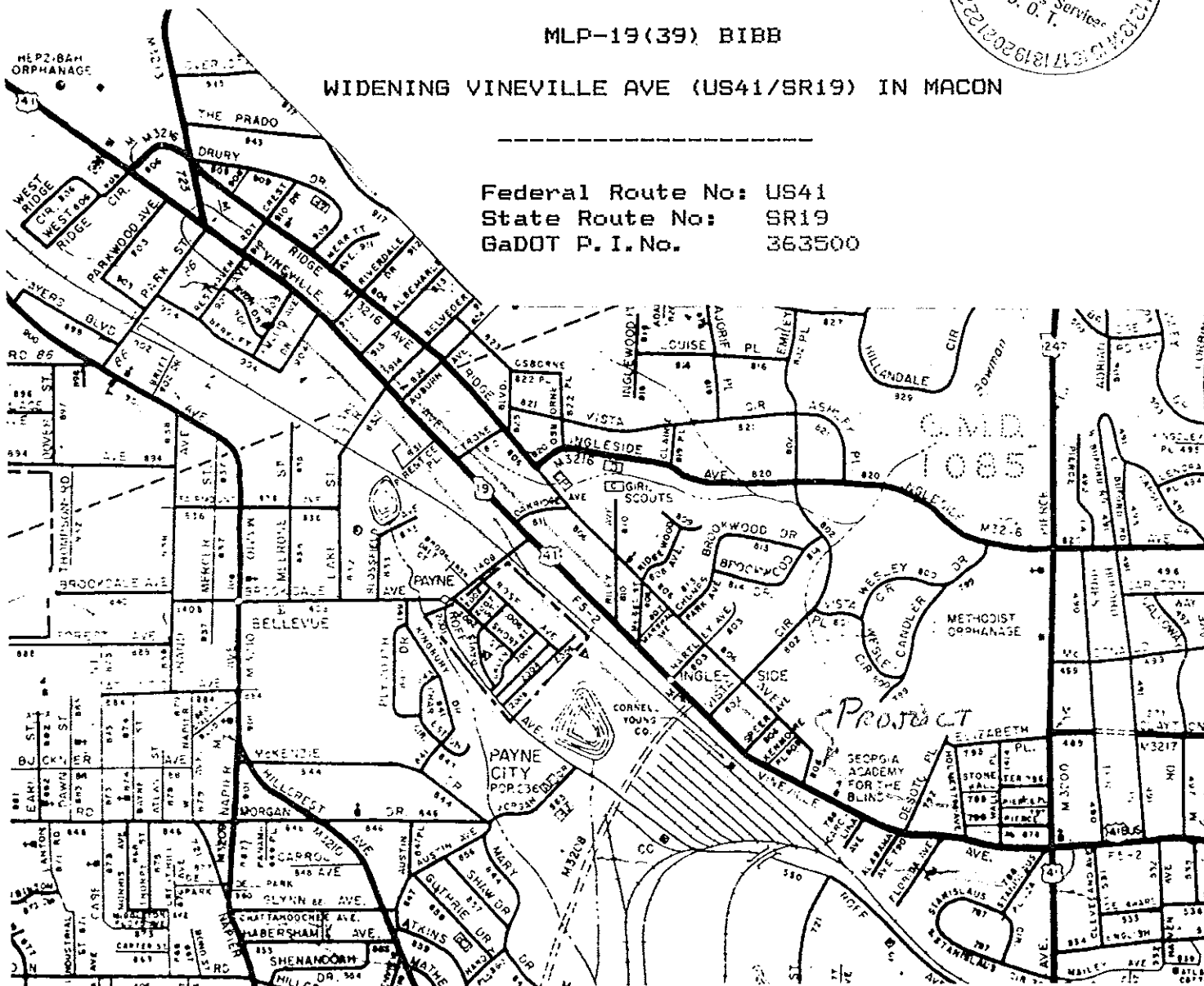
# PROJECT CONCEPT REPORT

MLP-19(39) BIBB

WIDENING VINEVILLE AVE (US41/SR19) IN MACON



Federal Route No: US41  
State Route No: SR19  
GaDOT P. I. No. 363500



Date of Report:

## RECOMMENDATION FOR APPROVAL

2 Aug '88

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

*Robert L. Lively, Jr.*  
State Urban Design Engineer

~~State Urban Design Engineer~~

State Environmental Engineer

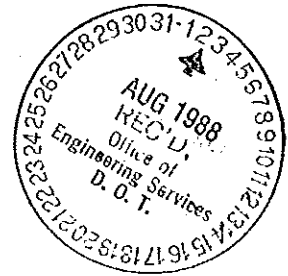
State Traffic and Safety Engineer

District Engineer

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE MLP-19(39) BIBB

OFFICE Urban Design

P.I. No. 363500

DATE August 2, 1988

Widening Vineville Ave

FROM Hoyt J. Lively, Jr, PE, State Urban Design Engineer

TO Robert E. Humphrey, PE, Project Review Officer

SUBJECT PROJECT CONCEPT REPORT

Transmitted herewith for your handling is the Project Concept Report for the widening of Vineville Avenue (US41/SR19) in Macon. It is to be noted that the cost of the right-of-way is not included in the report. A right-of-way estimate has been requested and as soon as it is available the report will be revised to include the cost.

Please take the necessary steps to have the report processed.

HJL

Attachment

cc: Frank Danchetz w/attachment  
Ron Colvin w/attachment  
Bobby Melton w/attachment  
Alton L. Dowd  
Robert L. Alston

DEPARTMENT OF TRANSPORTATION

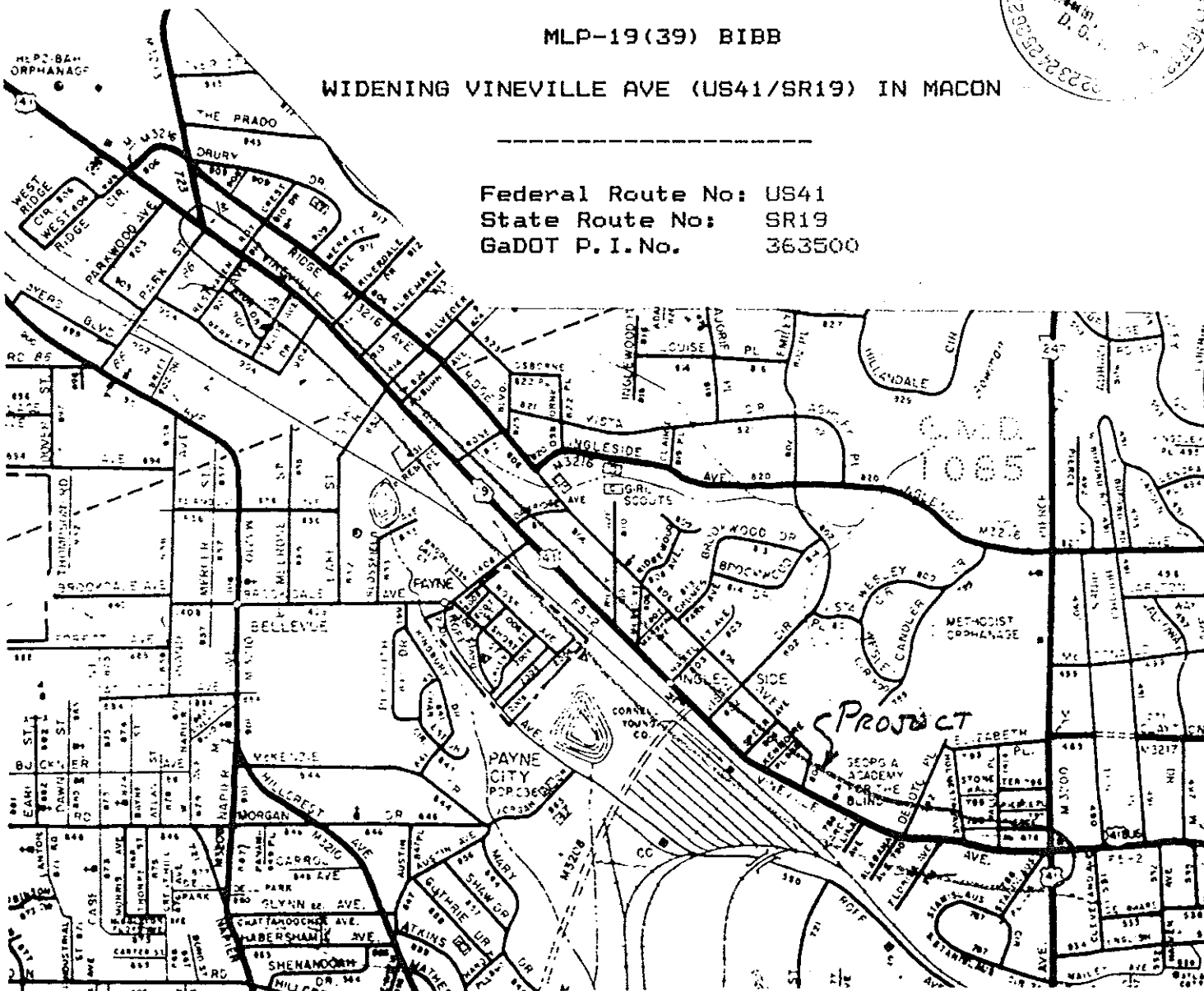
STATE OF GEORGIA

PROJECT CONCEPT REPORT

MLP-19(39) BIBB

WIDENING VINEVILLE AVE (US41/SR19) IN MACON

Federal Route No: US41  
State Route No: SR19  
GaDOT P.I. No. 363500



Date of Report:

RECOMMENDATION FOR APPROVAL

2 Aug '88

Date

*Robert L. Lively, Jr.*  
State Urban Design Engineer

Date

August 5, 1988

Date

State Environmental Engineer

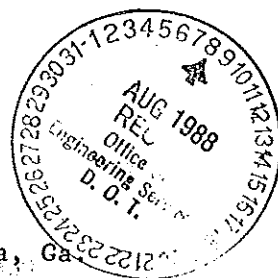
*Ron Collins*  
State Traffic and Safety Engineer

Date

District Engineer

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE



FILE MLP-19 (39) Bibb Co.  
P.I. No. 363500

OFFICE Atlanta, Ga.

DATE August 4, 1988

FROM *PC* Ron Colvin, P.E., State Traffic & Safety Engineer

TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT Project Concept Report Review

We have reviewed the concept report on the above project for the proposed widening of Vineville Ave. (US 441/SR 19) in Macon from Pio Nono Rd. (SR 247) to Forest Hill Rd. The proposed concept will widen the existing three lane section to a four lane urban section with a 12' flush median. While a design of using a physical median would be preferred, the concept appears to be satisfactory considering cost and/or engineering restraints. We therefore concur with the attached report.

JJD:CKE:kt

cc: John Lively, State Urban Design Engineer  
Bobby Melton, District Engineer - Thomaston

DEPARTMENT OF TRANSPORTATION

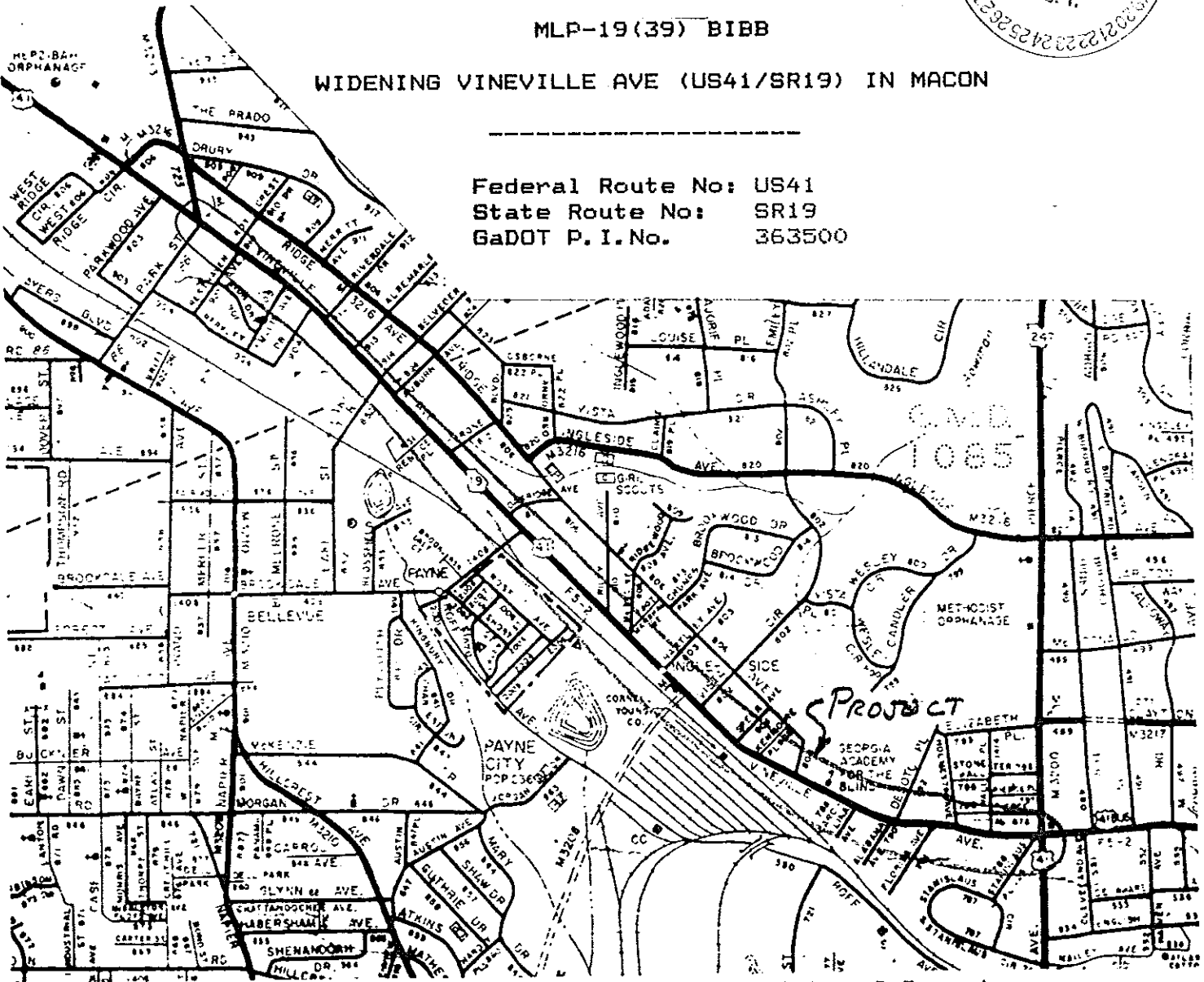
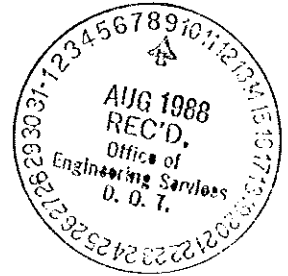
STATE OF GEORGIA

PROJECT CONCEPT REPORT

MLP-19(39) BIBB

WIDENING VINEVILLE AVE (US41/SR19) IN MACON

Federal Route No: US41  
State Route No: SR19  
GaDOT P. I. No. 363500



Date of Report:

RECOMMENDATION FOR APPROVAL

2 Aug '88

Date

*Robert J. Lively, Jr.*  
State Urban Design Engineer

Date

State Environmental Engineer

Date

State Traffic and Safety Engineer

Aug 8, 1988

Date

*[Signature]*  
District Engineer



Date: August 2, 1988

# PROJECT CONCEPT REPORT

PROJECT NO.: MLP-19(39) Bibb P.I. No. 363500

PREVIOUS PROJECT NO.: N/A ROUTE NO.: US41/SR19

LOCATION: Vineville Avenue (US41/SR19) in Macon from Pio Nono (SR247) to Forest Hill Road.

TRAFFIC: CURRENT ADT 17,700 (YR 1987) PROJECTED ADT 22,100 (YR 2005)

EXISTING TYPICAL SECTION: The existing section is a three lane roadway (asphalt paving) approximately 36' to 40' in width. The center lane is reversible allowing two lanes in one direction during peak hours. Currently the center lane is not acting as a two-way left turn lane. The section is a curb and gutter section throughout the length of the project with sidewalks most of the length.

POSTED SPEED LIMIT: 45 to 35 mph.

EXISTING MAJOR STRUCTURES: None.

ACCIDENT HISTORY: The following is a summary of the accident data available for the roadway:

	1985	1986	1987
TOTAL ACCIDENTS:	189	194	219
TOTAL INJURIES:	49	44	57
TOTAL FATALITIES:	0	0	0

				Statewide Ave for Urban Section
ACCIDENT RATE:	1705	1829	N/A	680('85) 700('86)
INJURY RATE:	442	415	N/A	250 ('85 & '86)
FATALITY RATE:	0	0	0	N/A

The accident rates and injury rates are well above the Statewide Average for an urban section.

STATEMENT OF NEED & PURPOSE OF PROJECT: See attached.

## PROJECT CONCEPT

LENGTH: 2.0 Miles. BEGINNING: At the Pio Nono/Vineville Avenue intersection. ENDING: At the Forest Hills Rd/Vineville Ave intersect.

PDP CLASS: Major - Existing FUNCTIONAL CLASS: Urban - Arterial

MAX DEG OF CURVE: 8 Deg MAX GRADE: Minor DESIGN SPEED: 45 mph

PROPOSED TYPICAL SECTION: A five lane section with four 12' lanes (two in each direction) and a center 12' flush turning lane. An urban section utilizing curb & gutter is proposed to lessen right-of-way impacts. It is also proposed to replace the existing sidewalk.

MAJOR STRUCTURES: None.

TYPE ACCESS: Regulated.

TRAFFIC CONTROL DURING CONSTRUCTION: Maintain existing traffic lanes during construction.

ESTIMATED COST:

<u>ITEM</u>	<u>TOTAL AMOUNT</u>
R/W	<del># 8,229,000</del> <del>Not Available at this time.</del>
UTILITIES	By Locals
SUBTOTAL	# 8,229,000
CONSTRUCTION	\$ 3,004,700
INFLATION	308,000
E&C	331,300
TOTAL CONSTRUCTION	\$ 3,644,000

PERMITS REQUIRED: None.

LEVEL OF ENVIRONMENTAL ANALYSIS: N/A - State Aid Project.

LEVEL OF PUBLIC INVOLVEMENT: Public hearing required.

TIME SAVINGS PROCEDURES APPROPRIATE? YES NO X

DESIGN VARIANCES REQUIRED: None known at this time.

ALTERNATES CONSIDERED: See COMMENTS section of report.

OTHER PROJECTS IN AREA: TSAP-19(29) Bibb - P.I.No.320850 - Widening Forsyth Rd (US41/SR19) fm Forest Hill Rd to Zebulon Rd. - Under design.

CONCEPT TEAM MEETING HELD: July 26, 1988.

PRESENT: See attached minutes.

**FIELD REVIEW HELD:** A field review of the project was held by Henry Simpson and John Lively on March 7, 1988.

**COMMENTS:** There will be an involvement with a historic district at the end of the project at Pio Nono. There was a discussion of reducing the section through this area to four (4) lanes; however, it was decided that this would not be advisable as the left turn capacity at the Pio Nono intersection would be compromised. It is therefore recommended to continue with the five lane section through this area.

There was also discussion of utilizing Ridge Avenue with Vineville Avenue as a one-way pair at the beginning of the project at Forest Hill Road. There is not a good way to tie Ridge Avenue to Vineville at either end. On the west side it would be necessary to construct a tie through a residential neighborhood and toward the east Ridge Avenue is severed by the Georgia School for the Blind. Also, Ridge Avenue is a residential neighborhood and to route additional traffic down the street would result in local opposition. This alternative was therefore dropped from consideration.

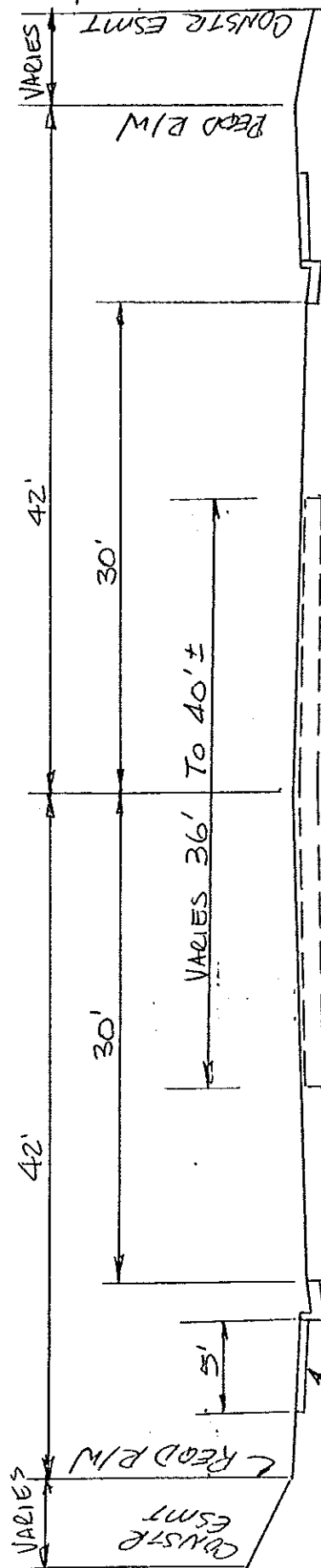
It is expected that there will be a great deal of local opposition to the project as proposed. There will be a historical involvement at the east end of the project and there will be several severe business impacts throughout the project.

A 12' center flush median is recommended in lieu of the usual 14' median in order to match the approved typical section for the project to the west [TSAP-19(29)] and in an effort to minimize right-of-way impacts.

**ATTACHMENTS:** Typical Section, Need & Purpose Statement, Concept Team Meeting Minutes, Construction Cost Estimate.

Project No: MIP 19(39) B1B3  
County: \_\_\_\_\_

## TYPICAL SECTION



WIDENING TYPICALLY SYMMETRICAL  
EXCEPT WHERE VINEVILLE  
IS ADJACENT TO THE RAIL ROAD  
AND AT PIONORIO AVE THEN  
THE ALIGNMENT SHIFTS TO THE  
NORTH.